

# rukka®



POWERED BY

## m°Clima®



PERSONAL CLIMATE  
MANAGEMENT SYSTEM

### ADVANTAGES



Safety



Climatic  
conditions



Lightweight/  
Unobtrusive



Versatility



Easy care

## M-CLIMA® CLIMATE MANAGEMENT SYSTEM

is an electro-thermal technology capable of regulating the temperature and humidity of the wearer to maintain a stable and balanced micro-climate in extreme weather conditions, whether hot or cold. The balanced comfort state eliminates distractions and thus, improves the wearer's concentration, effectiveness and comfort.

## PATENTED TECHNOLOGY

M-CLIMA® CLIMATE MANAGEMENT SYSTEM is the only flexible (1) fast response (2) personal climate comfort (3) management system for motorcycling (4).

- 1 Usable off bike for up to 2 hours; can be worn with protective outer shell garment.
- 2 < 1 min thermal hysteresis on switch on, > 3 mins on switch off.
- 3 Skin temperature reduction / increase of > 3 °C (within 31 – 33 °C), RH reduction of > 25%, heart rate reduction of >10bpm.
- 4 Global Touring, Enduro, Adventure Rider.

A Click-On / Click-Off remote control to initiate the system



Heating and Cooling vest with customized design

2h of autonomy of the cooling function through a rechargeable battery



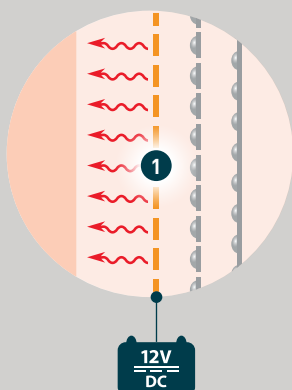
M-CLima® blower unit with a capacity of 7 liters/second air dispersion.



### Heating mode

Once the **M-CLIMA®** flexible heating elements are activated, the heating elements reach a self-regulated constant temperature of around 45°C.

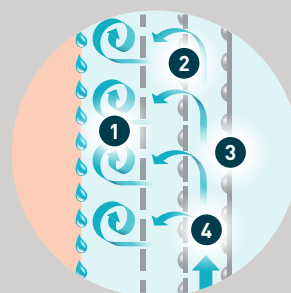
- 1 **M-CLIMA®** heating panels



### Cooling mode

The **M-CLIMA®** blower unit pushes air inside the system. The air becomes a turbulent flow next to the skin, accelerating the evaporative cooling effect.

- 1 Turbulent airflow next to the skin, accelerating evaporative cooling
- 2 **M-CLIMA®** engineered three-dimensional perforated fabric
- 3 **M-CLIMA®** engineered three-dimensional fabric
- 4 Airflow coming from blower unit



M-CLIMA® is a patented technology and registered brand name of MAT Group™.